

Time Conversion



Problem Statement

You are given time in AM/PM format. Convert this into a 24-hour format.

Input

Input consists of time in the AM/PM format i.e. hh:mm:ssAM or hh:mm:ssPM where $01 \leq hh \leq 12$

Here is a sample input: 07:05:45PM

Output

You need to print the time in a 24-hour format i.e. hh:mm:ss where $00 \leq hh \leq 23$

The sample output: 19:05:45

Note: Midnight is 12:00:00AM or 00:00:00 and Noon is 12:00:00PM.